

updating the dynamic client profile so that the dynamic client profile includes a value proportional to average duration time of a connection of the customer.

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Claim ~~37~~ (Previously Presented): A billing method according to claim 33, further comprising:

updating the dynamic client profile so that the dynamic client profile includes a number of connections of the customer in pre-defined classes of duration of customer connection time.

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Claim ~~38~~ (Previously Presented): A billing method according to claim 33, further comprising:

updating the client profile to include multi-dimensional functions of random variables of previous connections of the customer of the digital telecommunications network.

16
Claim ~~39~~ (Previously Presented): A billing method according to claim 33, wherein the creating of the client traffic distribution curve includes using random variables including at least one of connection duration time, time of day, day of the week, and geographic characteristics of previous connections.

17 *33*
Claim ~~40~~ (Previously Presented): A billing method according to claim ~~34~~, further comprising:

basing the usage fee on a statistical system load obtained from the overall client profile.

Claim 41 (Canceled). *18*